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No. 12: ORF4

Sequence ID <210> SEQ ID NO 1864

No: <211> LENGTH: 273

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1864

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Met His His His His His His Thr Ala Ala Ser Asp Asn Phe Gln Leu
5 10 15
Ser Gln Gly Gly Gln Gly Phe Ala Ile Pro Ile Gly Gln Ala Met Ala
20 NO:17 25 30
Ile Ala Gly Gln Ile Lys Leu Pro Thr Val His Ile Gly Pro Thr Ala
35 40 45
Phe Leu Gly Leu Gly Val Val Asp Asn Asn Gly Asn Gly Ala Arg Val
50 55 60
Gln Arg Val Val Gly Ser Ala Pro Ala Ala Ser Leu Gly Ile Ser Thr
65 70 75 80
Gly Asp Val Ile Thr Ala Val Asp Gly Ala Pro Ile Asn Ser Ala Thr
85 90 95
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100 105 110
Val Thr Trp Gln Thr Lys Ser Gly Gly Thr Arg Thr Gly Asn Val Thr
115 120 125
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130 135 140
Leu Gly Arg Ala Gly Ala Gly Arg Gly Ala Pro Glu Gly Pro Gly Pro
145 150 155 160
Ser Gly Gly Ala Gln Gly Gly Ser Ile His Ser Gly Arg Ile Ala Ala
165 170 175
Val His Asn Val Pro Leu Ser Val Leu Ile Arg Pro Leu Pro Ser Val
180 185 190
Leu Asp Pro Ala Lys Val Gln Ser Leu Val Asp Thr Ile Arg Glu Asp
195 200 205
Pro Asp Ser Val Pro Pro Ile Asp Val Leu Trp Ile Lys Gly Ala Gln
210 215 220
Gly Gly Asp Tyr Phe Tyr Ser Phe Gly Gly Cys His Arg Tyr Ala Ala
225 230 235 240
Tyr Gln Gln Leu Gln Arg Glu Thr Ile Pro Ala Lys Leu Val Gln Ser
245 250 255
Thr Leu Ser Asp Leu Arg Val Tyr Leu Gly Ala Ser Thr Pro Asp Leu
260 265 270
Gln

L801 ORF4 #1670

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Qa12: ORF 5

Sequence ID <210> SEQ ID NO 1863
 No: <211> LENGTH: 314
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 1863

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 Ser Gln Gly Gly Gln Gly Phe Ala Ile Pro Ile Gly Gln Ala Met Ala
 20 25 30
 Ile Ala Gly Gln Ile Lys Leu Pro Thr Val His Ile Gly Pro Thr Ala
 35 40 45
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 Gln Arg Val Val Gly Ser Ala Pro Ala Ala Ser Leu Gly Ile Ser Thr
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 85 90 95
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 100 105 110
 Val Thr Trp Gln Thr Lys Ser Gly Gly Thr Arg Thr Gly Asn Val Thr
 115 120 125
 Leu Ala Glu Gly Pro Pro Ala Glu Phe Thr Arg Pro Arg Arg Ala Ala
 130 135 140
 Gln Gly Arg Arg Glu Ala Pro Pro Gly Gly Glu Pro Glu Pro Arg Ala
 145 150 155 160
 Ser Leu Ala Ala Pro Gly Glu Arg Ser Arg Ser Arg Ala Gly Asp Arg
 165 170 175
 Gly Val Glu Ala Gly Pro Arg Arg Gly Arg Gly Arg Asn Ala Arg Cys
 180 185 190
 Pro Gly Thr Gly Pro Asn Pro Pro Ala Ala Arg Asn Gly Met Ala Arg
 195 200 205
 Pro Glu Leu Arg Pro Gly Gly Gly Gly Glu Ser Arg Gly Gly Gly Asp
 210 215 220
 Asp Gly Ala Ala Cys Arg Arg Asn Ala Gly Gln Gly Arg Arg Gly Ser
 225 230 235 240
 Gly Gly Ala Arg Gly Ala Arg Ala Glu Arg Arg Arg Ala Gly Arg Gln
 245 250 255
 His Pro Leu Gly Pro His Arg Arg Gly Ala Gln Arg Ala Ala Glu Arg
 260 265 270
 Ala His Pro Ala Ala Ala Val Arg Val Gly Pro Arg Gln Gly Ala Glu
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 Pro Arg Gly His Asp Pro Gly Gly Pro Arg Gln Arg Ala Pro His Arg
 290 295 300
 Cys Pro Leu Asp Gln Arg Gly Pro Gly Arg
 305 310

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1670

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                    20                      25                      30
Ile His Ser Gly Arg Ile Ala Ala Val His Asn Val Pro Leu Ser Val
                    35                      40                      45
Leu Ile Arg Pro Leu Pro Ser Val Leu Asp Pro Ala Lys Val Gln Ser
                    50                      55                      60
Leu Val Asp Thr Ile Arg Glu Asp Pro Asp Ser Val Pro Pro Ile Asp
                    65                      70                      75
Val Leu Trp Ile Lys Gly Ala Gln Gly Gly Asp Tyr Phe Tyr Ser Phe
                    85                      90                      95
Gly Gly Cys His Arg Tyr Ala Ala Tyr Gln Gln Leu Gln Arg Glu Thr
                    100                     105                     110
Ile Pro Ala Lys Leu Val Gln Ser Thr Leu Ser Asp Leu Arg Val Tyr
                    115                     120                     125
Leu Gly Ala Ser Thr Pro Asp Leu Gln
                    130                     135

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<210> SEQ ID NO 1671

<211> LENGTH: 109

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1671

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Arg Gly Ser Gly Gly Ala Arg Gly Ala Arg Ala Glu Arg Arg Arg Ala
                    35                      40                      45
Gly Arg Gln His Pro Leu Gly Pro His Arg Arg Gly Ala Gln Arg Ala
                    50                      55                      60
Ala Glu Arg Ala His Pro Ala Ala Ala Val Arg Val Gly Pro Arg Gln
                    65                      70                      75                      80
Gly Ala Glu Pro Arg Gly His Asp Pro Gly Gly Pro Arg Gln Arg Ala
                    85                      90                      95
Pro His Arg Cys Pro Leu Asp Gln Arg Gly Pro Gly Arg
                    100                      105

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<210> SEQ ID NO 1861

<211> LENGTH: 945

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1861

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accgttcata tcgggcctac cgccttcctc ggcttgggtg ttgtcgacaa caacggcaac 180
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cgccgcgcgg cgcaggggag gcgagagcg ccccccgggt gagagcctga gccccgcgca 480
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ccgcatcgcc gcggtgcaca acgtgccgct gagcgtgctc atccggccgc tgcggtccgt 840
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<210> SEQ ID NO 1862

<211> LENGTH: 822

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1862

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accgttcata tcgggcctac cgccttcctc ggcttggtg ttgtcgacaa caacggcaac 180
ggcgacgag tccaacgcgt ggtcgggagc gctccggcgg caagtctcgg catctccacc 240
ggcgacgtga tcaccgcgt cgacggcgct ccgatcaact cggccaccgc gatggcggac 300
gcgcttaacg ggcacgcgta cagggaaacgt gacattggcc gagggacccc cggccgaatt cgggctgcgt 360
gcaggaggaa cgctgggcag ggccggcgcg ggtcgggggg cgcccgaggg gcccgggccg 420
agcggcgggc cgcaggggcg cagcatccac tcgggcccga tcgcgcgggt gcacaacgtg 540
ccgctgagcg tgctcatccg gccgtgcgg tccgtgttgg accccgccaa ggtgcagagc 600
ctcgtggaca cgatccggga ggaccagac agcgtgcccc ccacgatgt cctctggatc 660
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ctaagggtgt acctggggagc atccacacca gacttgagc ag 822
    
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